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managed by Brookhaven Science Associates for the U.S. Department of Energy

## Memo

date: March 2, 2005

to: Distribution

from: R. Karol

subject: "Safety-Walk"

On Wednesday, March 2, 2005 at 0830 hours, A "Safety-Walk" was performed focusing on the LOTO of the STAR Magnet Power Supplies at the start of a maintenance day shutdown.

## Safety-Walk Attendees:

Ray Karol (C-A ESHQ) Harold Gassner (CAS Watch) Chris Zarcone (CAS Watch) Tony Krupien (STAR) Ralph Brown (STAR)

<u>Task: Observe CAS/STAR implementation of C-AD OPM ATT-11.4.3.a, STAR Power Supply SHUT-DOWN Check Off List.</u>

## Positive Observations:

- Areas were posted as noise areas where applicable
- Ear plugs were available in posted noise areas
- A clearly written checklist was utilized to perform this LOTO
- Compliance with the PPE requirements of NFPA 70E
- Methods have been introduced in the OPM to reduce PPE requirements and significantly reduce chance of arc blast injury
- CAS and STAR personnel were very knowledgeable of system design, OPM procedure and equipment
- Excellent work coordination between STAR and CAS

## **Negative Observations:**

- The second floor pump/power supply room in B1006 has nuisance noise levels in which hearing protection provides adequate safety but which results in problems communicating easily. The F&ES Engineering Group is currently investigating ways to reduce these levels to make local communication and radio communication easier while performing the LOTO
- The motor mechanism for the 13.8kV main magnet breaker has a shaft that must be connected before use. Improvements in this process should be investigated. This was discussed with the C-AD Chief EE.

Distribution: Safety-Walk attendees

E.Lessard
J. Sandberg
D. Lowenstein
W. Anderson